

# PATENT ABSTRACTS OF JAPAN

(11) Publication number : 08-095757  
 (43) Date of publication of application : 12.04.1996

(51) Int.Cl. G06F 9/06  
 G06F 9/445

(21) Application number : 07-220331 (71) Applicant : INTERNATL BUSINESS MACH CORP  
 <IBM>

(22) Date of filing : 29.08.1995

(72) Inventor : GARY LEE BARTON  
 CHIN YUN CHAO  
 JAMES MICHEL MAGGI  
 RICHARD MANKOVSKI  
 BINKESH O METAF

(30) Priority

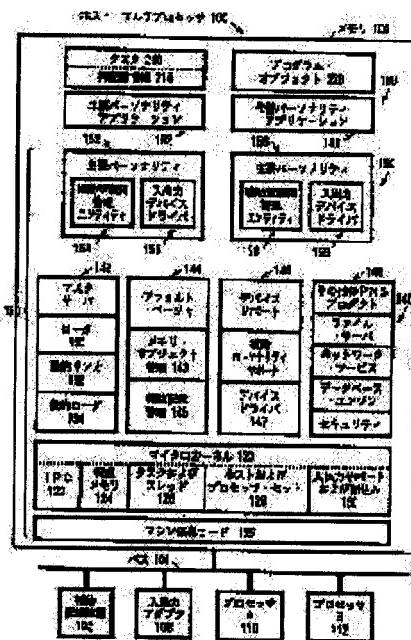
Priority number : 94 308189 ????Priority date : 19.09.1994 ????Priority country : US

## (54) MASTER SERVER PROGRAM LOADING METHOD FOR MICRO-KERNEL DATA PROCESSING SYSTEM AND DEVICE THEREFOR

### (57) Abstract:

**PROBLEM TO BE SOLVED:** To improve efficiency at the time of starting a micro-kernel operating system.

**SOLUTION:** A master server program loader is designed to facilitate the loading of multiple various programs in memory of a micro-kernel system and a shared library. A master server 142 has three components which are a loader 190, a dynamic linker 192 and a dynamic loader 194. The loader 190 loads an executable program into a target task before starting. The dynamic linker 192 links a shared library object to the target task before starting. The dynamic loader 194 loads the shared library object when a program is executed. A program loading method starts off with the following operations. The loader 190 loads a target program to the target task and transfers the control to the linker 192. Next, the linker 192 links the shared library object to the target task and transfer the control to the server 142. Thereafter, the server 142 transfers the control to the target program and finishes the method.



### LEGAL STATUS

[Date of request for examination] 07.11.1997

[Date of sending the examiner's decision of rejection] 06.06.2000

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]